### Initial quick test log

Model series Arocs (964) / 964.416 MB workshop 831 - GS00105333 Vehicle identification number W1T96441720722389 Steering variant Right-hand drive vehicle Main odometer reading 142940.0km Software version 4.9.2.0 Data status 07/2025 Battery voltage 24.6V C4843CBD9627 Hardware ID Application ID Time of quick test creation 25.08.2025 15:32:29

Daimler Truck Diagnostics system number 529887
Serial number of diagnostic unit: 42224W017431

Operating hours counter (Engine): 6901.0h

VIN READ OUT: W1T96441720722389 / VIN (Internal): W1T96441620722389

Installed add-on versions: 33863, 33864, 33865, 33869, 33870, 33872, 33874, 33875, 33876, 33879, 33885, 33886, 33888, 33890, 33898, 33990, 33904, 33906, 33909, 33913, 33914, 33917, 33919, 33922, 33924, 33925, 33928, 33929, 33934, 33935, 33938, 33939, 33941, 33944, 33946, 33947, 33948, 33950, 33951, 33952, 33953, 33956, 33957, 33959, 33961, 33962, 33967, 33969, 33971, 33973, 33974, 33977, 33979, 33983, 33986, 33987, 33990, 33993, 33998, 33999, 34000, 34006, 34009, 34012, 34020, 34022, 34024, 34025, 34030, 34032, 34034, 34037, 34043, 34046, 34049, 34052, 34055, 34057, 34058, 34061, 34063, 34066, 34067, 34068, 34071, 34073, 34075, 34076, 34081, 34084, 34086, 34087, 34089, 34091, 34093, 34097, 34100, 34103, 34105, 34110, 34111, 34115, 34117, 34120, 34122, 34123, 34126, 34128, 34130, 34133, 34134, 34135, 34136, 34139, 34141, 34142, 34145, 34146, 34150, 34152, 34154, 34157, 34159, 34160, 34161, 34167, 34169, 34171, 34172, 34176, 34178, 34180, 34183, 34184, 34186, 34190, 34193

CGW - Central gateway (A2)				
Model	Part number	Supplier	Version	
Hardware	001 446 19 27 001	Bosch	15/33 02	
Software	001 448 19 27 003	Bosch	22/10 02	
Boot software			21/41 00	
Diagnosis identifier	020606	Control unit variant	App_020606	
Hardware model	CGW04T	Control unit variant	highline	
Diagnosis compatibility list	00 06 00	Current vehicle identification number	W1T96441720722389	
Original vehicle identification number	W1T96441720722389			

ACM - Exhaust aftertreatment (A60) -√-				
Model	Part number	Supplier	Version	
Hardware	001 446 01 54 001	Continental	16/51 00	
Software	017 448 23 54 001	Continental	15/32 00	
Data record	030 448 08 54 001	MB	23/30 01	
Diagnosis identifier	000E2A	Control unit variant	acm_0x0E2A	
Hardware model	ACM21T	CBF	21.0.415	
Maximum temperature in component 'B72 437°C		Maximum temperature in component 'B73	424°C	
(Exhaust temperature sensor upstream of		(Exhaust temperature sensor downstream		
SCR catalytic converter)'		of SCR catalytic converter)'		
Software release of control unit 'A60'	E7.56.5.0	Version of data record	R_E0756500_35XX_DY6D _CL2330S	
ID code (serial number of control unit)	01AD2A96	CAL-ID	2005990500030000	
CVN (calibration verification number)	92 D3 F4 1F	Certification number	OM473-5-1-A-01	
Indicator lamp 'MIL (Malfunction Indication Lamp)'	OFF	Number of operating hours since fault memory last erased	174.4h	
Fill level of AdBlue® tank	81.33%	•		

el	anced signal acquisition and actua	ıpplier		ersion
ware		ontinental		/19 00
vare		ontinental		2/32 00
ware		ontinental		9/04 00
ware		ontinental		2/32 00
ware		ontinental		9/04 00
ware		ontinental		2/32 00
ware		ontinental		3/42 00
ware		ontinental		2/32 00
ware : software	003 448 47 58 001 Ma	arquardt		5/41 00 9/07 00
Sulware			18	707 00
nosis identifier	000815 Co	ontrol unit variant	Ar	p_0815
lware model	ASAM01T		·	
Fault	Text			Status
20F7E1	The measurement value of component 'B10 (Right 2r	nd rear axle brake wear	sensor)' is below th	e A+S
	measuring range.	Fi	rst occurrence	Last occurrence
	Frequency counter			53.00
	Main odometer reading		39200.00km	142928.00km
	Number of ignition cycles since the last occurren			0.00
105750		ce of the fault	•	
42F7EC	One or more switches in a switch module is missing.			A+S
	Name	Fi	rst occurrence	Last occurrence
	Frequency counter		•	12.00
	Main odometer reading		39200.00km	142928.00km
	Number of ignition cycles since the last occurren	ce of the fault	•	0.00
43F7EC	One or more switches in a switch module is superfluc	ous.		A+S
	Name	Fi	rst occurrence	Last occurrence
	Frequency counter		•	4.00
	Main odometer reading	13	39200.00km	Odometer value n
	g			available / Default
	Number of ignition cycles since the last occurren	ce of the fault	•	0.00
78F3E5	Component 'E5e1 (Left low beam)' has an open circu			ls s
	Name		rst occurrence	Last occurrence
	Frequency counter			126.00
	Main odometer reading	13	39200.00km	140160.00km
	Number of ignition cycles since the last occurren			5.00
A2F3E5	Component 'E1e1 (Left side turn signal light)' has an			A+S
7121 020	Name	•	rst occurrence	Last occurrence
		FI		5.00
	Frequency counter			
	Main odometer reading		39200.00km	142288.00km
	Number of ignition cycles since the last occurren			0.00
7DF7E3	Component 'M16 (Window washer fluid pump)' has a			S
	Name	Fi	rst occurrence	Last occurrence
	Frequency counter			36.00
	Main odometer reading		39248.00km	142768.00km
	Number of ignition cycles since the last occurren	ce of the fault	•	7.00
54F4E3	Pin X102.15.6 at component 'X102.15 (24 V trailer so	ocket, 15-pin)' has a sho	ort circuit to positive.	S
	Name	Fi	rst occurrence	Last occurrence
	Frequency counter			9.00
	Main odometer reading	14	10816.00km	142512.00km
	Number of ignition cycles since the last occurren			17.00
55F4E3	Pin X102.15.5 at component 'X102.15 (24 V trailer so		ort circuit to positive	S
30. 120	Name	· · · ·	rst occurrence	Last occurrence
	Frequency counter	FI		
	. ,		10016 001	9.00
	Main odometer reading		10816.00km	142512.00km
	Number of ignition cycles since the last occurren			17.00
7BF7E3	Pin M15.X1.4 at component 'M15 (Wiper motor)' has	a short circuit to positiv	e.	S
	Name	Fi	rst occurrence	Last occurrence
	Frequency counter		•	2.00
	Main odometer reading	14	11632.00km	141888.00km
	Number of ignition cycles since the last occurren			

del	Part number	Supplier	V	ersion
rdware	000 446 93 15 001	Voith	2	3/26 00
tware	000 448 44 15 001	Voith	1	7/16 00
tware	000 448 45 15 001	Voith	1	7/16 00
ot software	<del></del>		1	4/21 00
gnosis identifier	000201	Control unit variant	A	pp_0201
rdware model	CCM01T	Data status		 IO_VALUE-1.30-1.36-1.4
			-1	I.22-1.43-1.5-1.35-1.58-1
			3	1
Fault	Text			Status
07F097	The CAN message 'Status of dry clutch' from is implausible.	the control unit 'A5 (Transn	mission control (TCM) c	ontrol unit)' S
	Name		First occurrence	Last occurrence
	Frequency counter			2.00
	Main odometer reading		139680.00km	142208.00km
	Operating cycle counter			32.00
07F185	The CAN message 'Requested gear' from the	e control unit 'A3 (Drive con	trol (CPC) control unit)'	is faulty. S
	Name		First occurrence	Last occurrence
	Frequency counter			4.00
	Main odometer reading		139680.00km	142208.00km
	Operating cycle counter			32.00
07F1ED	Timeout error of a CAN message from contro	l unit 'A5 (Transmission cor	ntrol (TCM) control unit)	' A
07F1EE	Timeout error of a CAN message from contro	l unit 'A5 (Transmission cor	ntrol (TCM) control unit)	' A
07F1F0	Timeout error of a CAN message from contro	I unit 'A5 (Transmission cor	ntrol (TCM) control unit)	' A
07F1F3	Timeout error of a CAN message from contro	Lunit 'AE (Transmission cor	atrol (TCM) control unit)	' Λ

CPC - Drive control	(A3a)		-1
Model	Part number	Supplier	Version
Hardware	055 446 52 02 001	Bosch	22/09 00
Boot software	055 448 03 02 001	Bosch	20/08 00
Control unit software	055 448 36 02 001	Bosch	22/46 00
Data record	028 448 51 02 001	MB	21/44 00
Diagnosis identifier	023009	Control unit variant	App_3009
Hardware model	CPC501T	Transmission mode	Information can be found under tab 'Adaptations' in

Fault	Text		Status
F90A07	The air filter is blocked.		S
	Name	First occurrence	Last occurrence
	Current main odometer reading	139360.00km	142912.00km
	Operating cycle counter		4.00
	Fault frequency		255.00
6F0012	The coolant level is too low.	<u>.</u>	S
	Name	First occurrence	Last occurrence
	Current main odometer reading	142720.00km	142720.00km
	Operating cycle counter		8.00
	Fault frequency		2.00
6F0001	The coolant level is too low.	<u>.</u>	S
	Name	First occurrence	Last occurrence
	Current main odometer reading	142720.00km	142720.00km
	Operating cycle counter		8.00
	Fault frequency		1.00

S=STORED

menu item '040 Transmissi

on mode'.

DCMD - Door modu	le "Driver" (A16)			<b>-</b> √
Model	Part number	Supplier	Version	
Hardware	960 446 17 32 001	Conti Temic	15/05 00	
Software	960 448 19 32 001	Conti Temic	20/11 00	
Boot software			09/31 00	
Diagnosis identifier Hardware model	00000B DCMD01T	Control unit variant	App_0011	

DCMP - Door modu	-√		
Model	Part number	Supplier	Version
Hardware	960 446 27 19 001	Conti Temic	15/05 00
Software	960 448 19 19 001	Conti Temic	20/11 00
Diagnosis identifier Hardware model	00000B DCMP01T	Control unit variant	App_0011

Model		Part number	Supplier	Version
Hardware		002 446 59 64 002	Knorr	23/18 00
Software		000 448 63 64 001	Knorr	22/19 01
Boot software				18/13 00
Diagnosis identifier		000309	Control unit variant	App_0309
Hardware model		EAPU03T		
Fault	Text		,	Status
E6F9EC	Fault in brake system	n		S

S=STORED

EBS - Electronic bra	ke system (A10b)		-
Model	Part number	Supplier	Version
Hardware	001 446 32 36 001	Wabco Automotive	11/35 00
Software	001 448 49 36 002	Wabco Automotive	22/26 00
Boot software		<del></del>	16/16 00
Diagnosis identifier	000712	Control unit variant	App_0712
Hardware model	EBS01T	DSC Data status	0
DSC Version number	12673	DSC Week	22
DSC Year	22		
Fault Taut			Ctatura

2AF0F3 Fault in CAN communication with component 'A18 (Electronic air processing unit (EAPU) control unit)'.   S   Name   First occurrence   Last occurrence	tatus
111111	
	rrence
Frequency counter 1.00	
Main odometer reading 142624.00km 142624.00km	km
Number of ignition cycles since the last occurrence of the fault 7.00	

S=STORED

HVAC - Heati	ng, ventilation	on and air condit	ioning (A12b)			-
Model		Part number	Supplier		Version	
Hardware		960 446 97 28 001	Valeo		14/51 00	
Software		000 448 52 28 001	Valeo		15/08 00	
Boot software					10/33 00	
Diagnosis identifier		00020E	Control unit variant		App_020E_1	Tempmatic
Hardware model		HVAC01T	Equipment 'Air conditioning'		PRESENT	
Equipment 'Automati	c air conditioning'	NOT PRESENT	Equipment 'Display'		NOT PRESENT	
Equipment 'Stationar	y air conditioner'	NOT PRESENT	Equipment 'Auxiliary heating'		NOT PRESENT	
Equipment 'Residual	heat utilization'	NOT PRESENT	Equipment 'Air quality	sensor'	NOT PRESE	NT
Equipment 'Economy	<i>(</i> '	PRESENT				
Fault	Text					Status
01F0E4	One of the electrication positive or open circular transfer in the contract of		(Vehicle interior temperatur	e sensor)' has a short	circuit to	A+S
	Name			First occurrence	Last oc	currence
	Frequency counter	er			1.00	
	Main odometer re	ading		139200.00km	139200.	00km

25.08.2025 15:32:34	07/2025	W1T96441720722389 (964.416)
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Fault	ault Text		
	Name	First occurrence	Last occurrence
	Number of ignition cycles since the last occurrence of the fault		0.00
		A+S=(	CURRENT and STORED

**ICUC - Instrument cluster (A1)** -f-Model Part number Supplier Version Hardware Stoneridge 013 446 51 21 001 20/26 00 Software 032 448 98 21 002 Stoneridge 23/06 01 Software 036 448 89 21 001 23/04 20 MB Software 037 448 34 21 001 MB 22/10 20 Software 026 448 61 21 001 MB 22/10 20 Software 024 448 57 21 001 MB 22/10 20 Software 036 448 90 21 001 MB 23/04 20 Software 22/01 01 Software 15/08 00 Boot software 21/37 01 000045 Diagnosis identifier Control unit variant APP 0045 Hardware model ICUC01T Serial number of control unit 23332-0176 Fault Text Status 1EFBFF Signal or transmission error from control unit 'A7 (Advanced signal acquisition and actuation module (ASAM) control unit)' Name First occurrence Last occurrence Frequency counter 34.00 Main odometer reading 139408.00km 142752.00km Number of ignition cycles since the last occurrence of the fault 8.00 Additional information 00 S=STORED

MCM - Engin	e manageme				-1	
Model		Part number	Supplier		Version	
Hardware		002 446 50 35 001	Continental		19/17 01	
Software Data record		038 448 82 35 001	Continental		18/29 05	
		007 458 83 35 001	007 458 83 35 001 Continental		18/29 05	
Diagnosis identifier		000BEF	Control unit variant		mcm 0x0BEF	
Hardware model		MCM21T	CBF		21.0.540	
ID code (serial number of control unit)		02B33383	Software module 'Release'		14	
Software module 'Subrelease'		11	Software module 'Patcl		0	
Software module 'Pr		5	Version of data record		R_M141105_3HM507S115	
Engine number	Olotype	473907C0882560	CAL-ID		2005020400030000	
CVN (calibration ver	rification number)	2D FA CD CA	Certification number		OM473LA.5-2-00	
Theft protection	modilori ridiriber)	Immobilizer (FBS2)	Operating hours counted	≏r	6901.00h	
Number of driving cy	vcles	4667.00	Operating nears count	O1	0001.0011	
Fault	Text				Status	
470A01	The intake air avail	able to the combustion eng	jine is insufficient.		S	
	Name			First occurrence	Last occurrence	
	Status of combus	tion engine			Torque Demand	
	Operating mode of	of combustion engine			TM5: Standard	
		_			operation mode (low	
					NOX / high NOX)	
	Engine speed - Bo	600 (Crankshaft position	sensor)		1342.00 1/min	
	Fuel temperature	- B602 (Fuel temperature	sensor)		70.88°C	
	Engine oil pressu	re - B604 (Oil pressure se	ensor)		3.12bar	
	Oil temperature -	B605 (Engine oil fill level	sensor)		113.98°C	
	Coolant temperat	ure - B606 (Exhaust coola	ant temperature sensor)		96.00°C	
	Exhaust gas temp				0.00°C	
			e and temperature sensor		0.72000bar	
	in charge air pipe					
		ger 1 - B610 (Turbine whe			67565.00 1/min	
		rature - B617 (Charge air	temperature sensor in		53.86°C	
	charge air housin	<i>-</i> ,				
		322 (Rail pressure sensor)	)		880.00bar	
	Rail pressure (spe				880.00bar	
	Rail pressure vari	ation			0.00bar	

25.08.2025 15:32:34	07/2025	W1T96441720722389 (964.416)
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Text	Final	Status
Name	First occurrence	Last occurrence
Fuel pressure in metering device - B626 (Fuel pressure sensor		Signal not available
(outlet))		0.005.54
Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module		8.96bar
pressure sensor) Current injection quantity / Injection quantity per cylinder		447.00 40/-4
		117.33mm^3/st
Currently injected fuel mass		0.00kg
Current correction value for fuel flow rate in high-pressure fuel		26.34L/h
circuit		
Pressure boost during the injection		1.81
Calculated leakage value of high-pressure fuel circuit		1.00
Ambient pressure		1.01000bar
Ambient temperature		24.50°C
Vehicle speed		14.00km/h
Fill level of fuel tank		57.20%
Actual current of quantity control valve		2.34150A
Position of exhaust gas recirculation positioner (actual value)		5.76%
Frequency counter "Opening of pressure limiting valve"		0.00
Current engine torque		748.03Nm
Immobilizer		Classic
Status of torque limitation		Torque Limiter
Status of torque inititation		Requested and No
		Active
Mauring laws		
Warning lamp		MI_OFF
Frequency counter 'Ignition cycle'		00 C8
Fault type		22.00
Additional information		1385.00
Acceleration of cylinder 1		-1.00 1/min
Acceleration of cylinder 2		-4.50 1/min
Acceleration of cylinder 3		-5.50 1/min
Acceleration of cylinder 4		-5.00 1/min
Acceleration of cylinder 5		-6.00 1/min
Acceleration of cylinder 6		-6.50 1/min
Time [min] Fuel temperature > Threshold 1		0.00min
Time [min] Fuel temperature > Threshold 2		0.00min
Position of throttle valve actuator (actual value)		Signal not available
Position of accelerator pedal		23.92%
Preinjection 1		Disable
•		Disable
Preinjection 2		
Main injection		Enable
Post injection 1		Disable
Post injection 2		Disable
Post injection 3		Disable
Post injection 4		Disable
Injector voltage		43.90V
Torque limitation by engine protection function		Not Activated
Torque limitation		60.00%
Battery voltage		28.42V
Frequency counter		2.00
Main odometer reading	142704.00km	142816.00km
Number of ignition cycles since the last occurrence of the fault		2.00
Number of operating hours	6890.00h	6895.00h
Year	2025.00years	2025.00years
Month	8.00months	8.00months
Day	24.00day	25.00day
hours	18.00h	2.00h
minutes	10.00min	29.00min
seconds	32.00SEC	6.00SEC
Time elapsed [s] in status 'ACTIVE' of fault code		22022.00s
The signal voltage of component 'B621 (Exhaust gas recirculation (AGR too low.	(a) differential pressure s	
Name	First occurrence	Last occurrence
Status of combustion engine	i ii at occurrence	Engine Stop

Text	T	Status
Name	First occurrence	Last occurrence
Operating mode of combustion engine		TM5: Standard
		operation mode (lov
		NOX / high NOX)
Engine speed - B600 (Crankshaft position sensor)		0.00 1/min
Fuel temperature - B602 (Fuel temperature sensor)		69.05°C
Engine oil pressure - B604 (Oil pressure sensor)		0.00bar
Oil temperature - B605 (Engine oil fill level sensor)		87.41°C
Coolant temperature - B606 (Exhaust coolant temperature sensor)		92.00°C
Exhaust gas temperature		0.00°C
Boost pressure - B608 (Charge air pressure and temperature sensor	r	1.04000bar
in charge air pipe)		
Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)		0.00 1/min
Charge air temperature - B617 (Charge air temperature sensor in		79.09°C
		79.09 C
charge air housing)		
Rail pressure - B622 (Rail pressure sensor)		16.00bar
Rail pressure (specified value)		0.00bar
Rail pressure variation		-16.00bar
Fuel pressure in metering device - B626 (Fuel pressure sensor		Signal not available
(outlet))		
Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module		1.00bar
		1.000001
pressure sensor)		
Current injection quantity / Injection quantity per cylinder		0.00mm^3/st
Currently injected fuel mass		0.00kg
Current correction value for fuel flow rate in high-pressure fuel		0.00L/h
circuit		
Pressure boost during the injection		-1.00
		1.00
Calculated leakage value of high-pressure fuel circuit		
Ambient pressure		1.01000bar
Ambient temperature		27.50°C
Vehicle speed		0.00km/h
Fill level of fuel tank		59.20%
Actual current of quantity control valve		8.50mA
Position of exhaust gas recirculation positioner (actual value)		0.00%
Frequency counter "Opening of pressure limiting valve"	_	0.00%
Current engine torque		0.00Nm
Immobilizer		Classic
Status of torque limitation		Torque Limiter
·		Requested and Not
		Active
Warning lamp		MI_OFF
	-	
Frequency counter 'Ignition cycle'		00 C8
Fault type		244.00
Additional information		-1.00
		0.0044.
Acceleration of cylinder 1		0.00 1/min
Acceleration of cylinder 1		
Acceleration of cylinder 1 Acceleration of cylinder 2		0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3		0.00 1/min 0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4		0.00 1/min 0.00 1/min 0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6		0.00 1/min 0.00 1/min 0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2	  	0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value)	   	0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal	  	0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00%
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1	   	0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2	   	0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00%
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable Disable Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 1		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable Disable Disable Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 2		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable Disable Disable Disable Disable Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 2 Post injection 2 Post injection 3		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable Disable Disable Disable Disable Disable Disable Disable Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 2		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 2 Post injection 2 Post injection 3		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable Disable Disable Disable Disable Disable Disable Disable Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 1 Post injection 2 Post injection 3 Post injection 4 Injector voltage		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable
Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4 Acceleration of cylinder 5 Acceleration of cylinder 6 Time [min] Fuel temperature > Threshold 1 Time [min] Fuel temperature > Threshold 2 Position of throttle valve actuator (actual value) Position of accelerator pedal Preinjection 1 Preinjection 2 Main injection Post injection 1 Post injection 2 Post injection 3 Post injection 4		0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00 1/min 0.00min 0.00min Signal not available 0.00% Disable

	Text		Status
	Name	First occurrence	Last occurrence
	Frequency counter		4.00
	Main odometer reading	142720.00km	142720.00km
	Number of ignition cycles since the last occurrence of the fault		7.00
	Number of operating hours	6890.00h	6890.00h
	Year	2025.00years	2025.00years
	Month	8.00months	8.00months
	Day	24.00day	24.00day
	hours	19.00h	19.00h
	minutes	12.00min	21.00min
	seconds	38.00SEC	36.00SEC
	Time elapsed [s] in status 'ACTIVE' of fault code		523.00s
F0EE	There is a loose contact at the sensors in electric circuit 1.		s 🌣
	Name	First occurrence	Last occurrence
	Status of combustion engine		Torque Demand
	Operating mode of combustion engine		TM5: Standard
	operating mean or commenced original		operation mode (low NOX / high NOX)
	Engine speed - B600 (Crankshaft position sensor)		1469.00 1/min
	Fuel temperature - B602 (Fuel temperature sensor)		55.39°C
	Engine oil pressure - B604 (Oil pressure sensor)		3.68bar
	Oil temperature - B605 (Engine oil fill level sensor)		89.20°C
	Coolant temperature - B606 (Exhaust coolant temperature sensor)		91.00°C
	Exhaust gas temperature		0.00°C
	Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe)		3.16000bar
	Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)		103535.00 1/min
	Charge air temperature - B617 (Charge air temperature sensor in charge air housing)		63.45°C
	Rail pressure - B622 (Rail pressure sensor)		944.00bar
	Rail pressure (specified value)		944.00bar
	Rail pressure variation		0.00bar
	Fuel pressure in metering device - B626 (Fuel pressure sensor		Signal not available
	(outlet))		
	Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)		8.72bar
	Current injection quantity / Injection quantity per cylinder		325.30mm^3/st
	Currently injected fuel mass		0.00kg
	Current correction value for fuel flow rate in high-pressure fuel		8.22L/h
	circuit		
	Pressure boost during the injection		0.87
	Calculated leakage value of high-pressure fuel circuit		1.00
			1.01000bar
	Ambient pressure		
	Ambient temperature		24.00°C
	Vehicle speed		31.00km/h
	Fill level of fuel tank		55.20%
	Actual current of quantity control valve		1.88700A
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value)		1.88700A 3.20%
	Actual current of quantity control valve		
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value)		3.20%
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve"		3.20% 0.00
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer		3.20% 0.00 2.40158kNm Classic
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque		3.20% 0.00 2.40158kNm
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation Warning lamp		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle'		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information Acceleration of cylinder 1		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00 35.50 1/min
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information Acceleration of cylinder 1 Acceleration of cylinder 2		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00 35.50 1/min 30.50 1/min
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00 35.50 1/min 30.50 1/min 28.00 1/min
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information Acceleration of cylinder 1 Acceleration of cylinder 2		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00 35.50 1/min 30.50 1/min
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00 35.50 1/min 30.50 1/min 28.00 1/min
	Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value) Frequency counter "Opening of pressure limiting valve" Current engine torque Immobilizer Status of torque limitation  Warning lamp Frequency counter 'Ignition cycle' Fault type Additional information Acceleration of cylinder 1 Acceleration of cylinder 2 Acceleration of cylinder 3 Acceleration of cylinder 4		3.20% 0.00 2.40158kNm Classic Torque Limiter Requested and Not Active MI_OFF 00 C8 245.00 8.00 35.50 1/min 30.50 1/min 28.00 1/min 30.00 1/min

ult	Text		Status
	Name	First occurrence	Last occurrence
	Time [min] Fuel temperature > Threshold 2		0.00min
	Position of throttle valve actuator (actual value)		Signal not available
	Position of accelerator pedal		87.45%
	Preinjection 1		Disable
	Preinjection 2		Disable
	Main injection		Enable
	Post injection 1		Disable
	Post injection 2		Disable
	Post injection 3		Disable
	Post injection 4		Disable
	Injection 4		41.40V
	Torque limitation by engine protection function		Not Activated
	Torque limitation		60.00%
	Battery voltage		28.32V
	Frequency counter		49.00
	Main odometer reading	142720.00km	142928.00km
	Number of ignition cycles since the last occurrence of the fault		1.00
	Number of operating hours	6890.00h	6901.00h
	Year	2025.00years	2025.00years
	Month	8.00months	8.00months
	Day	24.00day	25.00dav
		24.00day 21.00h	9.00h
	hours		
	minutes	3.00min	50.00min
	seconds	13.00SEC	45.00SEC
	Time elapsed [s] in status 'ACTIVE' of fault code		32846.00s
0103	The signal voltage of component 'B621 (Exhaust gas recirculation (AGR) too high.	differential pressure s	ensor)' is S 🌣
	Name	First occurrence	Last occurrence
	Status of combustion engine		Torque Demand
	Operating mode of combustion engine		TM5: Standard
	Operating mode of combustion engine		
	Operating mode of combustion engine		operation mode (low
			operation mode (low NOX / high NOX)
	Engine speed - B600 (Crankshaft position sensor)		operation mode (low NOX / high NOX) 1242.00 1/min
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing)		operation mode (low NOX / high NOX) 1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor)		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value)		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar  16.00bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor)		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar  16.00bar  Signal not available  8.57bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar  16.00bar  Signal not available  8.57bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar  16.00bar  Signal not available  8.57bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar  16.00bar  Signal not available  8.57bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel		operation mode (low NOX / high NOX)  1242.00 1/min  64.48°C  2.56bar  114.39°C  97.00°C  0.00°C  2.24000bar  78240.00 1/min  62.66°C  736.00bar  752.00bar  16.00bar  Signal not available  8.57bar  126.84mm^3/st  0.00kg
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h 1.78 1.00
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar 23.50°C
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure Ambient temperature Vehicle speed		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar 23.50°C 39.00km/h
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure variation Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure Ambient temperature Vehicle speed Fill level of fuel tank		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar 23.50°C 39.00km/h 55.20%
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure (specified value) Rail pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure Vehicle speed Fill level of fuel tank Actual current of quantity control valve		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar 23.50°C 39.00km/h 55.20% 2.42650A
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure Ambient temperature Vehicle speed Fill level of fuel tank Actual current of quantity control valve Position of exhaust gas recirculation positioner (actual value)		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar 23.50°C 39.00km/h 55.20%
	Engine speed - B600 (Crankshaft position sensor) Fuel temperature - B602 (Fuel temperature sensor) Engine oil pressure - B604 (Oil pressure sensor) Oil temperature - B605 (Engine oil fill level sensor) Coolant temperature - B606 (Exhaust coolant temperature sensor) Exhaust gas temperature Boost pressure - B608 (Charge air pressure and temperature sensor in charge air pipe) Rpm of turbocharger 1 - B610 (Turbine wheel rpm sensor) Charge air temperature - B617 (Charge air temperature sensor in charge air housing) Rail pressure - B622 (Rail pressure sensor) Rail pressure (specified value) Rail pressure (specified value) Rail pressure in metering device - B626 (Fuel pressure sensor (outlet)) Fuel pressure in low-pressure fuel circuit - B638 (Fuel filter module pressure sensor) Current injection quantity / Injection quantity per cylinder Currently injected fuel mass Current correction value for fuel flow rate in high-pressure fuel circuit Pressure boost during the injection Calculated leakage value of high-pressure fuel circuit Ambient pressure Vehicle speed Fill level of fuel tank Actual current of quantity control valve		operation mode (low NOX / high NOX)  1242.00 1/min 64.48°C 2.56bar 114.39°C 97.00°C 0.00°C 2.24000bar  78240.00 1/min 62.66°C  736.00bar 752.00bar 16.00bar Signal not available 8.57bar  126.84mm^3/st 0.00kg -0.19L/h  1.78 1.00 1.01000bar 23.50°C 39.00km/h 55.20% 2.42650A

Text Status				
Name	First occurrence	Last occurrence		
Immobilizer		Classic		
Status of torque limitation		Torque Limiter		
		Requested and Not		
		Active		
Warning lamp		MI_ON		
Frequency counter 'Ignition cycle'		00 C8		
Fault type		245.00		
Additional information		-1.00		
Acceleration of cylinder 1		21.00 1/min		
Acceleration of cylinder 2		16.50 1/min		
Acceleration of cylinder 3		17.50 1/min		
Acceleration of cylinder 4		15.50 1/min		
Acceleration of cylinder 5		13.50 1/min		
Acceleration of cylinder 6		15.50 1/min		
Time [min] Fuel temperature > Threshold 1		0.00min		
Time [min] Fuel temperature > Threshold 2		0.00min		
Position of throttle valve actuator (actual value)		Signal not available		
Position of accelerator pedal		27.84%		
Preinjection 1		Disable		
Preinjection 2		Disable		
Main injection		Enable		
Post injection 1		Disable		
Post injection 2		Disable		
Post injection 3		Disable		
Post injection 4		Disable		
Injector voltage		39.75V		
Torque limitation by engine protection function		Not Activated		
Torque limitation		60.00%		
Battery voltage		28.32V		
Frequency counter		15.00		
Main odometer reading	142720.00km	142928.00km		
Number of ignition cycles since the last occurrence of the fault		1.00		
Number of operating hours	6890.00h	6901.00h		
Year	2025.00years	2025.00years		
Month	8.00months	8.00months		
Day	24.00day	25.00day		
hours	21.00h	10.00h		
minutes	7.00min	26.00min		
seconds	54.00SEC	27.00SEC		
Time elapsed [s] in status 'ACTIVE' of fault code		33955.00s		

S=STORED

MS - Maintenance system (A2 a3)				
Model	Part number	Supplier	Version	
Hardware	001 446 19 27 001	Bosch	15/33 02	
Software	001 448 19 27 003	Bosch	22/10 02	
Diagnosis identifier Hardware model	000110 MS01T	Control unit variant	App_0116	

TCC - Truck Control Center (A9)				
Model	Part number	Supplier	Version	
Hardware	001 446 15 62 004	Bosch	22/15 11	
Software	003 448 44 62	Bosch	21/48 01	
Boot software	<del></del>		21/48 01	
Diagnosis identifier	000708	Control unit variant	App_0708	
Hardware model	TCC01T			

TCM - Transmission control (A5f)				
Model	Part number	Supplier	Version	
Hardware	060 446 02 09 002	Wabco Automotive	21/30 00	
Software	060 448 04 09 002	Wabco Automotive	22/04 02	
Boot software		<del></del>	21/46 00	
Diagnosis identifier	000D03	Control unit variant	App_0D03	
Hardware model	TCM05T	Software version	213404	
Transmission variant	G280-16			

XMC - SAM with additional functions (A22)			
Model	Part number	Supplier	Version
Hardware	000 446 55 46 001	Bosch	17/24 00
Software	001 448 00 46 002	Bosch	22/16 00
Software			20/33 00
Boot software			20/33 00
Diagnosis identifier	00010E	Control unit variant	App_010E
Hardware model	XMC01T		